IMPULSE BassStation™

PC10, PC12 Powered Car & PT8, PT10
Powered Truck Subwoofer Systems

The KICKER Impulse BassStation is a great way to easily and economically add real KICKER bass to you system. Installation is simple, and the sound is ALL KICKER!

Features of the Impulse BassStations

- Built-In Amplifier
- Active Electronic Crossover – 90Hz at 12dB with equalization circuit.
- Universal Inputs
- Audio-Activated Auto Turn-On
- Gain Control
- Lower Power Requirements – Full power requires less than 10 Amps of current.

Installation Information

The position of your KICKER Impulse BassStation will affect the quality and the amount of the bass it reproduces. The best results will come from boundary loading the output of the BassStations into the corners of the vehicle. Both PC & PT speaker systems contain woofer(s) on the front side of the enclosure and then ports on either end, depending on model and amplifier location. Directing the ports toward specific locations in the vehicle will control which portion of the bass gets reinforced. Firing the ports into the corners of the vehicle will boost the lower frequencies while positioning the ports away from the corners will increase the output of the upper bass.

Specifications

Model	Subwoofer	Frequency Response (Hz)	Length	Top Width	Base Width	Height
PC10	10 Inch	35-90	18"	10-3/16"	12-3/4"	12-1/4"
PC12	12 Inch	32-90	20-1/2"	11-1/16"	14"	14"
PT8	8 Inch	38-90	19"	4"	6-7/8"	13-1/16"
PT10	10 Inch	35-90	21-1/2"	4-3/16"	7-1/4"	14-1/2"

Common to all Models:
Input Sensitivity – 100mV to 10V
Crossover – 90Hz at 12dB/octave

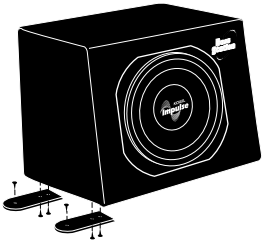
AMERICA'S MUSIC MACHINES℠

Mounting

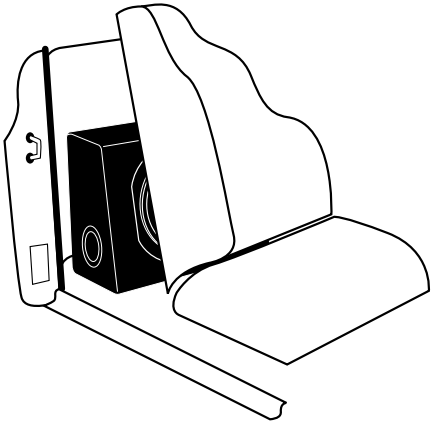
After determining the mounting position, turn the enclosure upside-down and attach the four mounting brackets to the bottom of the enclosure using the enclosed small screws. Each bracket must be positioned so the rounded end protrudes approximately 3/4 inch from under the cabinet to allow a screw to easily pass through it for attachment to the vehicle.

Position the enclosure in its mounting position and securely attach it to the vehicle with the enclosed large screws. If the brackets and screws are not applicable to your installation, some other means must be used to secure the enclosure to your vehicle.

Mounting brackets are included with the PC car speaker enclosures for secure installations.



Position the PT truck speaker enclosures in a secure location within the cab of the vehicle.



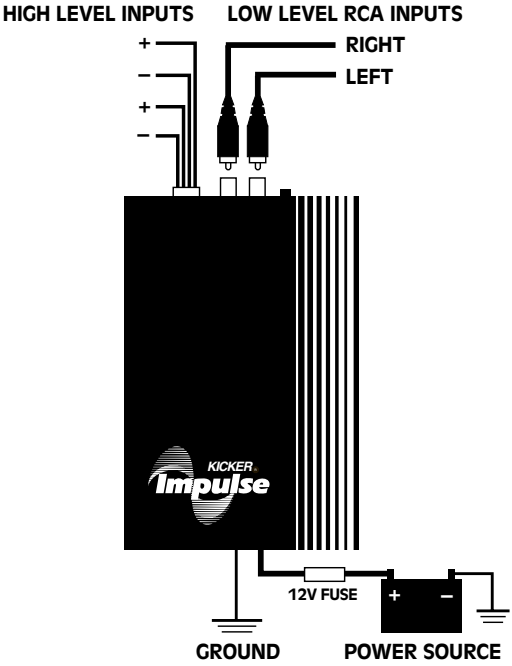
Controls

The gain control is used to match the output of your KICKER BassStation to the rest of the system. After mounting and wiring the BassStation, turn the gain control all the way down. Turn the system on and check the level of the bass in relation to the mids and highs. If you require more output from the BassStation simply turn the gain control up until the sound suits your listening preference.

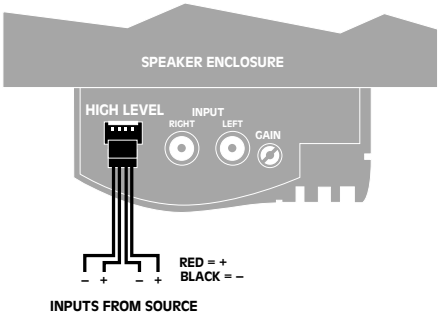
Wiring

The power wire for your BassStation should be connected directly to the vehicle's battery using an appropriate connector, or you can use a high-current tap in the fuse box, if one is available. A 10 Amp fuse should be inserted in the power lead within 18 inches or less from the power source. The wire should then be routed through the firewall using a rubber grommet. The black ground wire should be as short as possible and connected to the sheetmatal of the vehicle using a screw and a star or lock washer. Be sure to clean away all dirt, grease, and any paint away from the ground connection.

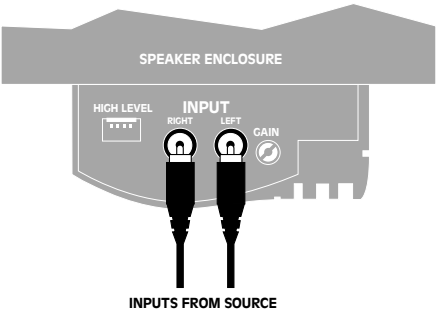
Your BassStation accepts either low (line) level inputs from the RCA outputs on your head unit or high (speaker) level input from your system's speaker wiring. The diagrams below illustrate both wiring schemes. ***DO NOT USE THE LOW LEVEL AND HIGH LEVEL INPUTS AT THE SAME TIME AS THIS COULD DAMAGE YOUR UNIT.***



Wiring HIGH LEVEL Installations



Wiring LOW LEVEL Installations



SPEAKER SYSTEMS LIMITED WARRANTY

Stillwater Designs warrants this product to be free from defects in material and workmanship under normal use for a period of **one (1) year from date of original purchase,** unless this product is labeled "B Stock", in which case it is warranted for ninety (90) days from date of purchase. Should service be necessary under this warranty for any reason due to manufacturing defect or malfunction during the warranty period, Stillwater Designs will replace or repair (at its discretion) the defective merchandise with equivalent merchandise at no charge. Warranty replacements on "B-Stock" may have cosmetic scratches and blemishes. Discontinued products may be replaced with equivalent products.

This warranty is valid only for the **original purchaser** and is not extended to owners of the product subsequent to the original purchaser. Any applicable implied warranties are limited in duration to a period of the express warranty as provided herein beginning with the date of the original purchase at retail, and no warranties, whether express or implied, shall apply to this product thereafter. Some states do not allow limitations on implied warranties, therefore these exclusions may not apply to you.

This warranty gives you specific legal rights; however you may have other rights that vary from state to state.

WHAT TO DO IF YOU NEED WARRANTY OR SERVICE

Defective merchandise must be returned to your local Authorized Stillwater Designs (Kicker/Impulse) Dealer for warranty. Assistance in locating an Authorized Dealer can be obtained by writing or calling Stillwater Designs direct. You can confirm that a dealer is authorized by asking to see a current authorized dealer window decal.

If it becomes necessary for you to return defective merchandise, call the Kicker Customer Service Department at (405)624-8510 for a Return Authorization (RA) number. Package all defective items in the original container or in a package that will prevent shipping damage, and return to

Stillwater Designs, 5021 North Perkins Road, Stillwater, OK 74075

The RA number must be clearly marked on the outside of the package. Return only defective components. Return of entire cabinets, system packs, pairs, etc. increases your return freight charges. Non-defective items received will be returned freight collect.

Include a **dated proof-of-purchase** from an Authorized Dealer. Warranty expiration on items returned without proof-of-purchase will be determined from the manufacturing date code. Coverage may be invalidated if this date is greater than one (1) year previous to the date item is sent in. Freight must be prepaid; items received freight collect will be refused.

Failure to follow these steps may void your warranty. Any questions can be directed to the Kicker Customer Service Department at (405)624-8510.

WHAT IS NOT COVERED?

This warranty is valid only if the product is used for the purpose for which it was designed. It does not cover:

- Install slips (screwdriver holes)
- Damage caused by exposure to water and/or excessive heat.
- Damage through negligence, misuse, or accident.
- Items physically damaged due to abuse.
- Freight damage.
- The cost of shipping product to Stillwater Designs Service.
- Items previously repaired by any unauthorized repair facility.
- Items returned from unauthorized individuals or dealers.
- Return shipping on non-defective items.
- Speakers damaged due to amplifier clipping or distortion.
- Speakers with silicon caulk used for gasket material.

HOW LONG WILL IT TAKE?

Stillwater Designs maintains a goal of 24-hour service for all returns. Delays may be incurred if lack of replacement inventory or parts is encountered.

INTERNATIONAL WARRANTY

Contact your International Stillwater Designs dealer or distributor concerning specific procedures for your country's warranty policies.

STILLWATER Designs®

P.O. Box 459 • Stillwater, Oklahoma 74076 • U.S.A. • 405 624-8510

WARNING:

KICKER drivers are capable of producing sound levels that can permanently damage your hearing! Turning up a system to a level that has audible distortion is more damaging to your ears than listening to an undistorted system at the same volume level. The threshold of pain is always an indicator that the sound level is too loud and may permanently damage your hearing.
Please use common sense when controlling volume!

MARCH 2000